

Title (en)  
A MICROFLUIDIC VALVE

Title (de)  
MIKROFLUIDISCHES VENTIL

Title (fr)  
SOUPAPE MICRO-FLUIDIQUE

Publication  
**EP 2705288 A1 20140312 (EN)**

Application  
**EP 12725422 A 20120601**

Priority  
• GB 201109302 A 20110603  
• EP 2012060434 W 20120601

Abstract (en)  
[origin: WO2012164086A1] Microfluidic devices and in particular microfluidic devices incorporating a valve for selectively controlling the flow of a fluid within the microfluidic device are described. Specific examples of a microfluidic device are described, comprising a sacrificial valve, desirably one that is dissolvable on contact with a fluid or that is configured to disintegrate or dissolve on experiencing a predetermined pressure.

IPC 8 full level  
**F16K 99/00** (2006.01); **B01L 3/00** (2006.01)

CPC (source: EP US)  
**B01L 3/502723** (2013.01 - EP US); **B01L 3/502738** (2013.01 - EP US); **B01L 3/567** (2013.01 - US); **F16K 99/0015** (2013.01 - EP US); **F16K 99/003** (2013.01 - EP US); **F16K 99/0063** (2013.01 - EP US); **B01L 2200/0621** (2013.01 - EP US); **B01L 2300/0803** (2013.01 - EP US); **B01L 2400/0409** (2013.01 - EP US); **B01L 2400/0677** (2013.01 - EP US); **B01L 2400/0683** (2013.01 - EP US); **B01L 2400/0694** (2013.01 - EP US); **F16K 2099/0084** (2013.01 - EP US); **Y10T 137/1692** (2015.04 - EP US)

Citation (search report)  
See references of WO 2012164086A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012164086 A1 20121206**; EP 2705288 A1 20140312; GB 201109302 D0 20110720; GB 2491813 A 20121219; US 2014224349 A1 20140814; US 9295990 B2 20160329

DOCDB simple family (application)  
**EP 2012060434 W 20120601**; EP 12725422 A 20120601; GB 201109302 A 20110603; US 201214123731 A 20120601